

ABSTRACT**SYSTEM FOR DYNAMIC CONTROL OF AN IP NETWORK**

- 5 System for dynamically controlling equipment in a communication system taking into account the dynamics associated at least with the mobility of the users (authentication and affiliation of services), service quality requests transmitted by the users of the telecommunication network, the availability of the resources of the system comprising at least one control module
- 10 comprising at least:
- a control block comprising :
 - a control component **ACS** adapted to process the authentication of users connected to the network, dynamic configuration of the IP addresses, management of authorizations for service requests from
 - 15 users, configuration of the network components according to the authenticated users,
 - a control component **LOC** for the process of user affiliation, server mobility, user location and the application-oriented service routing,
 - a control component **QSM** adapted to process service quality
 - 20 management on the highways of the network.
 - A block comprising one or more of the following elements: the various user services, the network components, connectivity to the external entities.

Figure 2 to be published